

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN060623\
 Data File : VN078081.D
 Acq On : 06 Jun 2023 21:47
 Operator : JC\MD
 Sample : VSTDICC040
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDICC040

Quant Time: Jun 07 04:29:06 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N060623W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 07 04:24:57 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 06/07/2023
 Supervised By : Mahesh Dadoda 06/07/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	487593	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	869992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	761420	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.800	152	297684	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	250314	38.503	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	77.000%		
35) Dibromofluoromethane	8.171	113	215119	39.107	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	78.220%		
50) Toluene-d8	10.571	98	843941	39.797	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	79.600%#		
62) 4-Bromofluorobenzene	12.853	95	267000	40.500	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	81.000%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.136	85	204101	37.030	ug/l	99
3) Chloromethane	2.371	50	217596	41.660	ug/l	99
4) Vinyl Chloride	2.524	62	275571	38.182	ug/l	97
5) Bromomethane	2.959	94	209020	38.321	ug/l	91
6) Chloroethane	3.124	64	182772	37.149	ug/l	99
7) Trichlorofluoromethane	3.506	101	371710	37.979	ug/l	96
8) Diethyl Ether	3.971	74	128053	37.236	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.383	101	195146	37.781	ug/l	96
10) Methyl Iodide	4.606	142	293847	40.227	ug/l	94
11) Tert butyl alcohol	5.536	59	177132	197.325	ug/l	98
12) 1,1-Dichloroethene	4.353	96	199281	41.126	ug/l	94
13) Acrolein	4.195	56	189434	191.474	ug/l	96
14) Allyl chloride	5.036	41	270520	41.621	ug/l	96
15) Acrylonitrile	5.730	53	455672	196.892	ug/l	98
16) Acetone	4.442	43	357689	191.149	ug/l	97
17) Carbon Disulfide	4.724	76	513549	37.472	ug/l	99
18) Methyl Acetate	5.036	43	325354	37.765	ug/l	91
19) Methyl tert-butyl Ether	5.806	73	670513	39.469	ug/l	97
20) Methylene Chloride	5.283	84	228808	37.002	ug/l	95
21) trans-1,2-Dichloroethene	5.794	96	220711	38.432	ug/l	94
22) Diisopropyl ether	6.683	45	604887	39.564	ug/l	96
23) Vinyl Acetate	6.612	43	1846758	203.203	ug/l #	90
24) 1,1-Dichloroethane	6.577	63	396580	39.321	ug/l	97
25) 2-Butanone	7.494	43	584308	203.055	ug/l	90
26) 2,2-Dichloropropane	7.500	77	296704	39.842	ug/l	97
27) cis-1,2-Dichloroethene	7.494	96	260566	38.038	ug/l	95
28) Bromochloromethane	7.824	49	183273	39.578	ug/l	94
29) Tetrahydrofuran	7.847	42	384960	200.116	ug/l	87
30) Chloroform	7.971	83	436043	40.150	ug/l	95
31) Cyclohexane	8.265	56	315934	37.884	ug/l	94
32) 1,1,1-Trichloroethane	8.183	97	382406	40.107	ug/l	98
36) 1,1-Dichloropropene	8.377	75	316614	40.127	ug/l	99
37) Ethyl Acetate	7.565	43	249540	40.484	ug/l #	95
38) Carbon Tetrachloride	8.371	117	341272	40.962	ug/l	98
39) Methylcyclohexane	9.606	83	328379	40.159	ug/l	91
40) Benzene	8.612	78	951533	40.395	ug/l	99

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41) Methacrylonitrile	7.788	41	124598	37.293	ug/l	96
42) 1,2-Dichloroethane	8.677	62	323643	40.072	ug/l	98
43) Isopropyl Acetate	8.694	43	442550	37.542	ug/l	94
44) Trichloroethene	9.359	130	244983	39.381	ug/l	95
45) 1,2-Dichloropropane	9.630	63	237966	40.603	ug/l	98
46) Dibromomethane	9.712	93	170668	39.536	ug/l	94
47) Bromodichloromethane	9.894	83	331210	41.305	ug/l	98
48) Methyl methacrylate	9.688	41	203792	41.195	ug/l	90
49) 1,4-Dioxane	9.706	88	82160	790.191	ug/l	93
51) 4-Methyl-2-Pentanone	10.453	43	1263461	203.537	ug/l	95
52) Toluene	10.635	92	603002	40.545	ug/l	96
53) t-1,3-Dichloropropene	10.841	75	347913	41.661	ug/l	100
54) cis-1,3-Dichloropropene	10.318	75	375268	40.652	ug/l	97
55) 1,1,2-Trichloroethane	11.024	97	233827	41.561	ug/l	99
56) Ethyl methacrylate	10.882	69	341482	41.684	ug/l	90
57) 1,3-Dichloropropane	11.171	76	392239	41.303	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	698203	210.979	ug/l	95
59) 2-Hexanone	11.200	43	913460	211.339	ug/l	92
60) Dibromochloromethane	11.365	129	256228	41.620	ug/l	99
61) 1,2-Dibromoethane	11.476	107	241450	40.894	ug/l	100
64) Tetrachloroethene	11.112	164	195301	38.447	ug/l	96
65) Chlorobenzene	11.894	112	635298	38.960	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.965	131	235801	39.317	ug/l	97
67) Ethyl Benzene	11.971	91	1132709	40.258	ug/l	99
68) m/p-Xylenes	12.076	106	868325	80.980	ug/l	100
69) o-Xylene	12.406	106	426626	40.516	ug/l	97
70) Styrene	12.418	104	683812	41.250	ug/l	98
71) Bromoform	12.582	173	161284	41.671	ug/l #	99
73) Isopropylbenzene	12.700	105	1039454	36.926	ug/l	99
74) N-amyl acetate	12.500	43	352186	37.992	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.947	83	322478	41.221	ug/l	98
76) 1,2,3-Trichloropropane	13.000	75	261353m	36.980	ug/l	
77) Bromobenzene	12.988	156	250268	38.299	ug/l	93
78) n-propylbenzene	13.041	91	1156360	37.809	ug/l	97
79) 2-Chlorotoluene	13.129	91	724714	36.709	ug/l	97
80) 1,3,5-Trimethylbenzene	13.176	105	853143	37.434	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	89394	39.027	ug/l	93
82) 4-Chlorotoluene	13.229	91	683496	37.096	ug/l	98
83) tert-Butylbenzene	13.447	119	735596	37.131	ug/l	96
84) 1,2,4-Trimethylbenzene	13.488	105	848643	38.407	ug/l	99
85) sec-Butylbenzene	13.623	105	965183	37.223	ug/l	99
86) p-Isopropyltoluene	13.735	119	813781	38.674	ug/l	98
87) 1,3-Dichlorobenzene	13.735	146	419167	37.922	ug/l	96
88) 1,4-Dichlorobenzene	13.817	146	405151	37.986	ug/l	100
89) n-Butylbenzene	14.065	91	636399	38.344	ug/l	97
90) Hexachloroethane	14.341	117	139034	37.232	ug/l	86
91) 1,2-Dichlorobenzene	14.112	146	408264	37.792	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.723	75	55538	39.831	ug/l	97
93) 1,2,4-Trichlorobenzene	15.400	180	162876	42.317	ug/l	99
94) Hexachlorobutadiene	15.511	225	79922	41.929	ug/l	98
95) Naphthalene	15.647	128	534465	41.281	ug/l	99
96) 1,2,3-Trichlorobenzene	15.847	180	171254	39.782	ug/l	97

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

